

MARYLAND GEOLOGICAL SURVEY  
Merryman Hall  
The Johns Hopkins University  
Baltimore, Maryland 21218  
(301) 235-0771

COUNTIES (MD/PA) FREDERICK/ADAMS  
M&D milestone no. 83 (86)  
MHT-HSI no. F-6-32

PROTECTED/ENDANGERED/MISSING

FIELD SHEET: MASON & DIXON LINE, MARYLAND-PENNSYLVANIA BOUNDARY MARKER SURVEY

LOCATION: USGS 7.5' quadrangle Emmitsburg 1953, UTM 18.29831.439909  
original site/~~MOVED~~/date 1767 photo rev. 1971 bench mark/date USC&GS(1939)  
Off W/S MD 140, Emmitsburg, MD vicinity. About 1.7 triangulation station No. 83

miles NW of intersection of US Business 15 in center of village of Emmitsburg;  
about 500' W of MD 140/PA 16; on S/S barbed wire fence running E-W between Anatolin  
& Shank properties; on gentle slope in scraggly deciduous woods in back of (W) (over)

DIRECTIONS TO SITE:

From M&D 82 (85): return to junction of Tract Rd with MD 140 (0.55 mile); turn  
right (NW) & follow about 0.8 mile to Shank tenant house drive on W/S just before  
"ENTERING PENNSYLVANIA" sign; turn into drive & request permission of tenant (over)

DESCRIPTION/MEASUREMENTS: original/~~REPLACED~~/date 1767; squared oolitic  
limestone post, standing about 1' above ground; P on N/S, M on S/S, disk on apex

N face (PA): 12" wide x 13" high; P clear but chipped; bits of circle panel &  
fluting remain, no margins; large chips all edges & corners  
E face: 12" wide x 14" high; some fluting remains, no margins; all edges  
& corners badly chipped

S face (MD): 12" wide x 17" high; M clear & intact; most fluting & some circle  
panel remain, no margins; edges & corners badly chipped

W face: 12" wide x 15 1/2" high; most fluting remains, no margins; all edges  
& corners badly chipped

top: no planes or fluting left; most of top smeared with cement surrounding  
USC&GS disk; all edges & corners badly chipped  
bench mark: none indicated on maps; USC&GS triangulation station No. 83 (1939) &  
set in apex; Ref Mark No. 1 in place in concrete post nearby.

CONDITION OF MARKER/FOUNDATION: ~~EXCELLENT/GOOD~~/fair/~~deteriorated~~/ruins/~~unexposed~~

1900-03 Resurvey notes (order no. 86), as in MGS Vol. 7, 1908, p. 88

86. Milestone No. 83, M. & D., 1767, stands in an open field, on the hill west  
of the Emmitsburg and Waynesboro turnpike.

1950 Inspection notes (present order no. 84, photo no. 83) as in Bayliff, 1959,  
Appendix C, p. 102

86. Original monument upright in solid foundation chipped on all corners. Letter  
"P" in bad condition.

1979-80 Inspection notes: order no. 83 (86); photos/negatives/slides no. 83 (86)  
83 (86). Original M&D monument of 1767 in place, in fair condition, firmly set.

Large chips into P, all corners & edges, especially N W; top defaced by  
affixing USC&GS disk; some fluting, no margins remain. Protected by site.

SURROUNDING PROPERTY OWNERS (MD/PA): names, addresses, phones

MD: tax map 3, block, P. 47, deed 570 / 409, acres 8.73

Weldon B. Shank (according to tenants); P. Shank (according to tax map)

PA: tax map C-18, block, P. 45, deed 239 / 365, acres 7.07

Viktor Anatolin, Box 117, RD 1, Fairfield, PA 17320

Phone: none listed

RECORDED BY: names, addresses, phones, dates Alice Martin 11/16/80

14308 Mount Ave., Phoenix, MD 21131

Phone: (301) 472-2128

Assisted by Clyde E. Martin; led to site by Shank tenants

Also see: reverse side X, B&W photos X, negatives X, color slides X, maps X,  
MHT-HSI form, other

### LOCATION, continued

Shank tenant house. Cannot be seen from rd, nor easily from closeby.

### DIRECTIONS TO SITE, continued

to park by house & inspect monument. Walk NW past house, through lightly wooded area about 500' to E-W barbed wire fence & stone. While there, also record USC&GS triangulation mark No. 1 (1939) set in squared concrete post about 10 1/2" wide about 180' W of monument; just W of a white board-gate.

### NOTES

The Shank tenants were hospitable & led us back to the monument, as well as the USC&GS Reference Mark No. 1, about 180' west of the monument--though none of us was able to locate the other Reference Mark. The damage done to the stone (large chips at edges & corners, & into P) appears to have been in the past when the field was cultivated. A lacey, scraggly deciduous woods has now grown up & the area not used, so monument & reference mark seem protected at present.

### B&W PHOTOS/NEGATIVES

- 5x7 NW corner (1980.33.9), Alice Martin 11/16/80
- 5x7 SE corner (1980.33.7), " "
- 3 1/2x5 View NW, of stone & setting (1980.33.13), Alice Martin 11/16/80
- 3 1/2x5 View NE, of stone in relation to Anatolin house (1980.33.10), Alice Martin 11/16/80
- 3 1/2x5 View W, of USC&GS Triangulation Station Reference Mark No. 1 & board-gate (1980.33.12), Alice Martin 11/16/80
- 3 1/2x5 Closeup of USC&GS Ref Mark No. 1 (1980.33.11), Alice Martin 11/16/80

### COLOR SLIDES

- 2x2 NW corner (1980.32.20), Alice Martin 11/16/80
- 2x2 SE corner (1980.32.17), " "
- 2x2 Closeup of top & USC&GS Triangulation Station disk (1980.32.18), Alice Martin 11/16/80

### MAPS

USGS 7 1/2' topographic quadrangle section  
1900-03 Resurvey engineer's map (Plate XXXII), updated  
MD tax map section

### OTHER

5303 IV SW  
(IRON SPRINGS)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

F-6-32  
MASON-DIXON WEST LINE: MILESTONE 83(86)

EMHITSBURG QUADRANGLE  
MARYLAND-PENNSYLVANIA  
USGS 7.5 MINUTE SERIES (TOPOGRAPHIC)  
1953 PHOTO REV. 1971 SCALE: 1"=2000'

77°22'30"  
39°45'

297000m E 2 110 000 FEET (PA.) 298

299 FAIRFIELD 4.5 MI. 300 20

4402000m N.  
150 000 FEET  
(PA.)

FAIRFIELD 3.5 MI.

4401

FOUNTAIN DALE 3 MI.

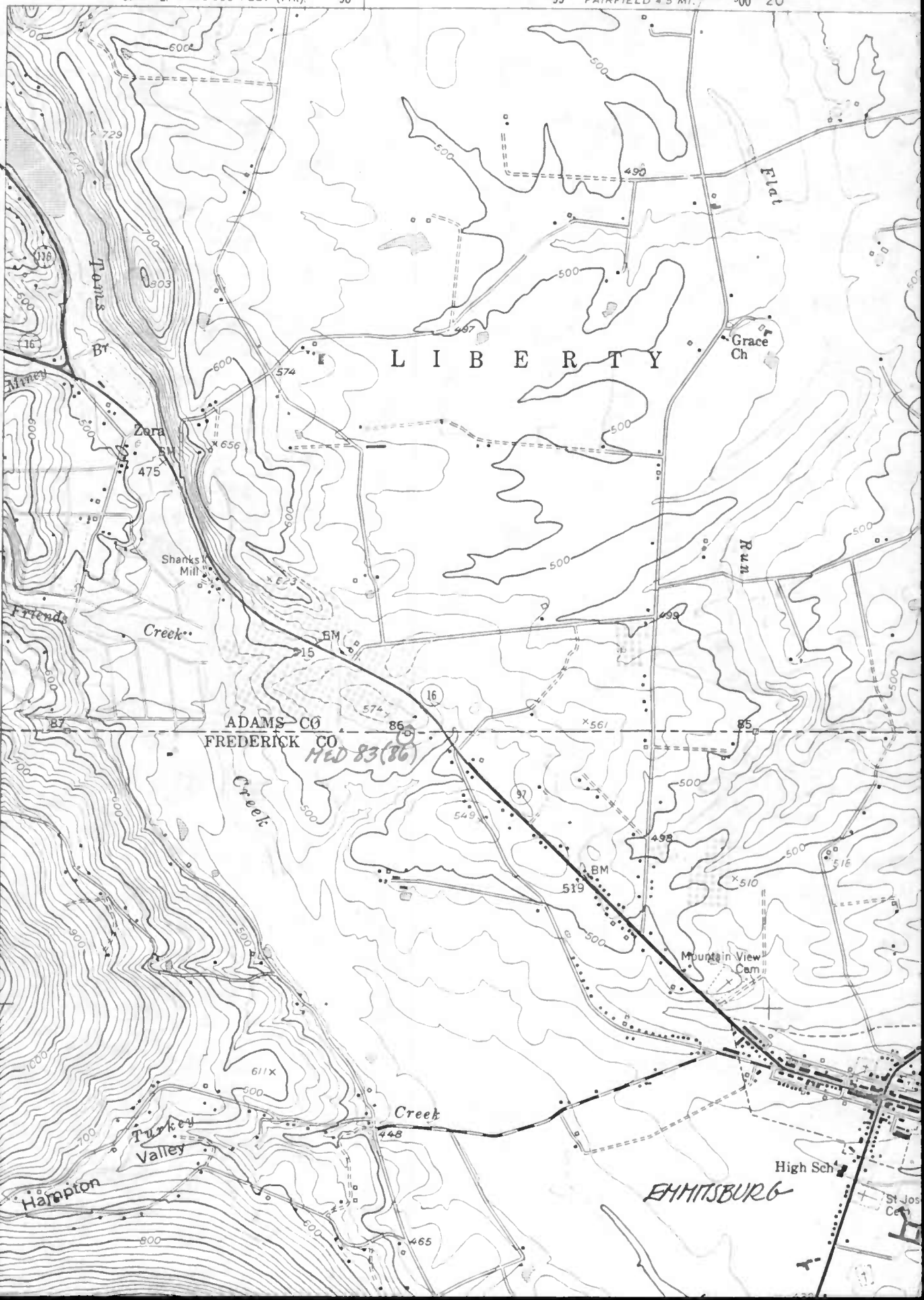
4400

4399

4398

42'30"

4397







1965

1-6-32

MASON DIXON WEST LIE MILESTONE 83 (86)  
SE CORNER (1.1-1)

PHOTO ALICE MARTIN 1965.33.2 11/6/80



M63

F-6-32

MASON & DIXON WEST LINE;

MILESTONE 83 (86)

DISTANT VIEW OF STONE,  
LOOKING NW TOWARD FENCE &  
ANATOLIN PROPERTY

PHOTO: ALICE MARTIN (1980.33.13)  
11/16/80





• H63

F-6-32

MASON & DIXON WEST LINE: MILESTONE 83  
SW CORNER (-1M) (86)  
LOOKING NE TOWARD ANATOLIN  
HOUSE

PHOTO: ALICE MARTIN (1980.33.10)  
11/16/80



1705

F-6-32

MASON & PICK WEST LINE: MILESTONE 83 (16)  
NR CORNER (P-)

PHOTO ALICE MARTIN (950-83-9) 11/16/20



7165

(with) F-6-32

MASON & DIXON WEST LINE:  
WITH MILESTONE 83 (46)  
SQUARED CONCRETE POST  
2 BM NO. 1 (TRIANGULATION)  
VIEW WEST, SHOWING ANATOLIAN FENCE

PHOTO: ALICE MARTIN (1980.33.12)  
11/16/80

DISC  
BM NO. 1 ON  
CONCRETE  
POST



MS

(with) F-6-32

MASON DIXON WEST LINE: WITH  
MILESTONE 83 (86) — B11 No. 1  
(TRIANGULATION) ON CONCRETE  
POST

PHOTO: ALICE MARTIN (1980.33.11)  
11/14/80